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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/692,342	10/19/2000	Gregory Michael Nordstrom	AUS920000620US1	7001

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EXAMINER

SIDDIQI, MOHAMMAD A

ART UNIT

PAPER NUMBER

2154

DATE MAILED: 12/31/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/692,342

Applicant(s)

GREGORY MICHAEL NORDTROM

Examiner

Mohammad A Siddiqi

Art Unit

2126

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-22 are presented for the examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claim 1-22 are rejected under 35 U.S.C. 102(e) as being anticipated by O'Toole et al. (6,345,294) (hereinafter O'Toole).

4. As per claims 1 and 17, O'Toole discloses a method for configuring a network (col 2, lines 1-13), said method comprising the steps of:

dynamically determining when a component is added to a node of said network (col 2, lines 1-13); and

in response to said dynamically determining step (col 1, lines 20-24), configuring said network to provide support for said component (col 3, lines 20-35).

5. As per claims 2 and 18, O'Toole discloses the steps of:

registering an OS (col 2, line 28) with an management system of said network to provide a notification when said component is added (col 7, lines 40-60); and

alerting said OS (col 2, line 28) that said component is added during said configuring step (col 7, lines 40-67).

6. As per claim 3, O'Toole discloses dynamically determining step is completed by said management system and includes the step of monitoring a network via a sweep operation for visible configuration changes (col 8, lines 1-16).

7. As per claim 4, O'Toole discloses network includes a switch (col 6 51-53) and said dynamically determining step includes the steps of:

detecting an addition of said component to a link of said switch; and
in response to said detecting step, signaling (col 16, lines 47-51) said

management system via a trap message that said component is on said network (col 14, lines 59-67).

8. As per claims 5 and 19, O'Toole discloses comprising the steps of associating said component to at least one partition and to an OS within said at least one partition (col 28, lines 1-2).

9. As per claims 6 and 20, O'Toole discloses the of detecting a partition of said network to which said a component has been associated (col 27, lines 5-12); and

notifying said OS of said component only when said OS is also associated with said partition (col 27, lines 5-12 and col 28,1-11)).

10. As per claims 7, 13, 22, O'Toole discloses further comprising the steps of:

updating a component table available to said OS with information about said component (col 13, lines 6-10); and

providing OS support to all components registered in said component table (col 4, lines 51-67).

11. As per claim 8, O'Toole discloses a system for configuring a: network, said system comprising:

a network manager (col 20, lines 14-15) that dynamically determines when a component is added to a node of said network and configures said network to provide support for said component (col 20, lines 14-17); and

a network administration utility that (col 20, lines 14-17), and in response to said network manager dynamically determining when a component is added (col 20, lines 14-17), notifies an OS registered with said network administration utility that said component is added (col 6, lines 25-38).

12. As per claim 9, O'Toole discloses the network manager determines when said component is added by periodically monitoring said network for configuration changes (col 20, lines 55-58).

13. As per claim 10, O'Toole discloses network manager determines when said component is added by receiving a packet from said component indicated that said component is present on said network (col 6, lines 39-50).

14. As per claim 11, O'Toole discloses further comprising a registration table for registering said OS with said network administration utility for notification of an addition of a component (col 10, 55-60); and

15. As per claim 12, O'Toole discloses a partitioning mechanism that associates said component with one or more of a plurality of partitions of said network (col 28, lines 3-11); and

wherein said network manager notifies said OS only when said OS is associated with a same one of said one or more partitions (col 27, lines 1-11).

16. As per claim 14, O'Toole discloses a network comprising:

a switch (col 19, lines 26-27);

at least one node linked to said switch for adding components (col 19, lines 26-28);

a network manager that dynamically determines when a component is added to said at least one node of said network and configures said network to provide support for said component (col 19, 26-40);

an operating system (col 2, line 28); and

a network administration utility (col 20, lines 14-17) that, and in response to said network manager (col 20, lines 55-58), dynamically

determining when a component is added (col 20, lines 14-17), notifies an OS registered with said network administration utility that said component is added (col 6, lines 25-38).

17. As per claims 15 and 21, O'Toole discloses further comprising program instructions for:

detecting a partition of said network to which said component has been associated (col 28, lines 3-11); and

notifying said OS only when said OS has access permission for said partition and said component (col 28, lines 3-1, it is inherent in OS to provide access permission to the users or processes).

18. As per claims 16, O'Toole discloses network is a system area network (figure 2, col 5, lines 10-15).

Conclusion

19. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

U.S. Patent 6,532,217 to Alkhatib et al.

U.S. Patent 6,591,290 to Clarisse et al.

U.S. Patent 6,137,774 to Commerford et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammad A Siddiqi whose telephone number is (703) 305-0353. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (703) 305-8498. The fax phone number for the organization where this application or proceeding is assigned is (703) 306-5404.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

MAS



**JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
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